

International Application No.: PCT/JP03/06373

U.S. Patent Application No.: Unknown

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Page 3 of 10

**IN THE ABSTRACT:**

Please replace the Abstract of the Disclosure originally filed with the above-identified patent application with the following Abstract:

#### ABSTRACT OF THE DISCLOSURE

~~In an~~ An FM-CW radar ~~for detecting~~ ~~detects~~ at least one of the relative distance and the relative speed of a predetermined object based on the frequencies of projection portions observed in the frequency spectrums of beat signals in an ascending-modulation section and a descending-modulation section, where the projection portions are generated by one and the same object. The radar determines the moving speed of a predetermined moving object such as a vehicle or the like having the radar mounted thereon ~~is measured~~, ~~and~~ the frequency difference between the projection portions observed in the frequency spectrums of the beat signals in the ascending-modulation section and the descending-modulation section is inversely calculated, where the frequency difference corresponds to the stationary object, and a predetermined pair corresponding to the frequency difference is extracted on a priority basis.